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CLAIMS

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- 1. A computerized method for generating a visual template for a concept, comprising the steps of:
 - a. obtaining at least one initial query for the concept;
 - b. generating at least one additional query related to the initial query;
- c. producing the additional query for inspection for appropriateness with respect to the concept; and
- d. in case of appropriateness, including the additional query in the visual template for the concept.
- 2. The method of claim 1, wherein each query is represented by an icon/example image.
 - 3. The method of claim 1, wherein the initial query is obtained via a sketchpad.
 - 4. The method of claim 1, wherein generating the additional query comprises stepping a query feature with a step size which is inversely related to a weight associated with the query feature.
 - 5. The method of claim 1, wherein generating the additional icon comprises forming a join of plausible feature values.
- 6. The method of claim 1, wherein appropriateness is ascertained by two-way user interaction.
 - 7. A computerized method for querying a video database for a concept using a subset of a natural language in conjunction with semantic visual templates, comprising the steps of:
 - a. obtaining a textual query;
 - b. parsing the query to generate visual attributes;
 - c. using the visual attributes for forming a visual query;
 - d. using the visual query to retrieve information; and
 - e. displaying the information.
- 8. The method of claim 7, wherein the textual query is obtained from a keyboard.

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- 9. The method of claim 7, wherein the subset of the natural language comprises a small set of nouns, verbs, prepositions, adjectives and adverbs.
- 10. The method of claim 7, further comprising a step of expanding the subset in an interactive fashion.
 - 11. The method of claim 7, wherein parsing comprises the steps of:
- (i) establishing a correspondence between the query and the natural language subset;
- (ii) labeling different parts of the query as a noun, verb, adjective or preposition; and
- (iii) obtaining clarification if a word in the query is absent from the natural language subset and labeling the word accordingly.
- 12. The method of claim 7, wherein forming the visual query comprises the step of establishing a correspondence between the natural language subset and a set of semantic visual templates generated by the method of claim 1, with the semantic visual template being a visual embodiment of a noun in the query, an adjective serving to modify the visual embodiment of the nouns, a verb serving to embody an action, and a preposition serving to establish a spatial and temporal order needed in forming a visual query.
- 13. A computerized system for generating a visual template for a concept, comprising:
 - a. means for obtaining at least one initial query for the concept;
- b. means for generating at least one additional query related to the initial query;
- c. means for producing the additional query for inspection for appropriateness with respect to the concept; and
- d. means in case of appropriateness for including the additional query in the visual template for the concept.
- 14. The system of claim 1, wherein each query is represented by an icon/example image.
- 15. The system of claim 1, wherein the means for obtaining the initial query comprises a sketchpad.

- 16. The system of claim 1, wherein generating the additional query comprises stepping a query feature with a step size which is inversely related to a weight associated with the query feature.
- 17. The system of claim 1, wherein generating the additional icon comprises forming a join of plausible feature values.
- 18. The method of claim 1, wherein appropriateness is ascertained by twoway interaction between the system and a user.
- 19. A computerized system for querying a video database for a concept using a subset of a natural language in conjunction with semantic visual templates, comprising:
 - a. means for obtaining a textual query;
 - b. means for parsing the query to generate visual attributes;
 - c. means for using the visual attributes for forming a visual query;
 - d. means for using the visual query to retrieve information; and
 - e. means for displaying the information.
- 20. The system of claim 19, wherein the means for obtaining the textual query comprises a keyboard.
- 21. The system of claim 19, wherein the subset of the natural language comprises a small set of nouns, verbs, prepositions, adjectives and adverbs.
- 22. The system of claim 19, further comprising means for expanding the subset in an interactive fashion.
 - 23. The method of claim 19, wherein the means for parsing comprises:
- (i) means for establishing a correspondence between the query and the natural language subset;
- (ii) mans for labeling different parts of the query as a noun, verb, adjective or preposition; and
- (iii) means for obtaining clarification if a word in the query is absent from the natural language subset and labeling the word accordingly.
 - 24. The system of claim 19, wherein the means for forming the visual query

comprises means for establishing a correspondence between the natural language subset and a set of semantic visual templates generated by the system of claim 13, with the semantic visual template being a visual embodiment of a noun in the query, an adjective serving to modify the visual embodiment of the nouns, a verb serving to embody an action, and a preposition serving to establish a spatial and temporal order needed in forming a visual query.